Umair Khalid

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Education

A Levels (Mathematics, Computer Science, Business)
Joseph Chamberlain College – Birmingham, UK
Grades Achieved: AAB

Bachelor of Science, Computer Science
Aston University – Birmingham, UK
Courses: Data Structures & Algorithms, Java OOP, Web Applications.

Experience

Aston University- Birmingham, UK.   September 2021 – Now
Coding Help Buddy
Helped other students in java portfolio tasks.

- Worked with 30 students to create numerous different programs every week (e.g., contact viewer, music player, movie database)
- Used java fx scene builder to create clean UIs
- Improved our coding efficiency by writing unit tests (Junit). Learned how to debug these tests and practiced test-driven development.

Projects & Extracurricular

CV Viewer – GitHub   March 2022 - Now

- Solo Project: Developed on own and met all the criteria set by my university.
- Implemented the entire login system to allow **CRUD** operations on the user list **(JavaScript, PHP, MySQL, HTML, CSS)**.
- Designed the overall website concept/layout, implemented responsive home & search pages with login function and was deployed on university assigned webserver.

Payment Terminal (Coffee Shop) –   September 2020 – June 2021

- Created a payment terminal, which allowed a cashier to create custom orders.
- It was a Windows Form Application that had clean UI elements.
- Performed mathematical functions to determine the total cost and VAT due; creating a final receipt (which gave a detailed breakdown).

Machine Learning Stock Price Predictor – GitHub   March 2022 – Now

- Created using python.
- Takes in large amounts of data and performs calculations to best predict the future stock price.

Skills

Programming: Java, JavaScript/TypeScript, Python, C#, PHP, SQL, Visual Basic
Other: Git, ReactJS, Angular, HTML, CSS/Bootstrap, Apache Spark, Azure, Microservices, Windows Form Application, Linux